

CLAIMS

- 5 1. A driving belt for use in a continuously variable transmission comprising two V-shaped pulleys (2, 3), which driving belt (1) comprises a carrier consisting of two endless band packages (5, 6) lying side by side, on which transverse elements (4) are disposed, wherein each transverse element (4) includes two recesses (7, 8) positioned opposite each other for receiving the band packages (5, 6), so that a first part (11) of the transverse element (4) extends under said band packages (5, 6), a second part (12) of the transverse element (4) is positioned between said band packages (5, 6) and a third part (13) of the transverse element (4) extends above said band packages (5, 6), wherein the front side of the transverse element (4) includes a projection (14) which can mate with a recess (15) in the adjacent transverse element (4), characterised in that said projection (14) extends in horizontal direction, and wherein the rear side of the transverse element includes a recess (15) which likewise extends in horizontal direction, wherein said projection (14) and said recess (15) are at least partially formed in the second part of the transverse element (4).
- 10 2. A driving belt according to claim 1, characterised in that said projection (14) and said recess (15) are in large part present in the second part (12) of the transverse element (4).
- 15 3. A driving belt according to any one of the preceding claims, characterised in that said projection (14) and said recess (15) are mainly present in the second part (12) of the transverse element (4).
- 20 4. A driving belt according to any one of the preceding claims, characterised in that said projection (14) and said recess (15) extend in transverse direction over the entire area of the transverse element between the two recesses (7, 8).
- 25 5. A driving belt according to any one of the preceding claims, characterised in that said projection (14) is disposed some distance above the tilting line (18), which distance is smaller than the smallest vertical dimension (A) of the recess (7, 8).
- 30 6. A driving belt according to any one of the preceding claims, characterised in that the surface of the projection (14) and of the recess (15) comprises parts (16, 17) which
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extend at an angle to a horizontal line in the plane in which the band packages (5, 6) lie, and which extends perpendicularly to the direction of the driving belt (1).

7. A driving belt according to any one of the preceding claims, characterised in that
5 said third part (13) of the transverse element (4) comprises parts (16, 17) which extend
at an angle to a horizontal line in the plane in which the band packages (5, 6) lie, and
which extends perpendicularly to the direction of the driving belt (1).

8. A driving belt according to any one of the preceding claims, characterised in that
10 the transverse element (4) has been made from a strip of material by means of a
cutting operation.

9. A driving belt according to any one of the preceding claims, characterised in that edges of the transverse element (4) have been deburred and/or been rounded by means of a tumbling operation.

10. A transverse element for use in a driving belt for a continuously variable transmission comprising two V-shaped pulleys (2, 3), in particular as defined in any one of the preceding claims, which transverse element (4) includes two recesses (7, 8) positioned opposite each other for receiving the band packages (5, 6), so that a first part (11) of the transverse element (4) extends under said band packages (5, 6), a second part (12) of the transverse element (4) is positioned between said band packages (5, 6) and a third part (13) of the transverse element (4) extends above said band packages (5, 6), wherein the front side of the transverse element (4) includes a projection (14) which can mate with a recess (15) in the adjacent transverse element (4), characterised in that said projection (14) extends in horizontal direction, and wherein the rear side of the transverse element (4) includes a recess (15) which likewise extends in horizontal direction, wherein said projection (14) and said recess (15) are at least partially formed in the second part of the transverse element (4).

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